

The Evolution of UARS MLS Ozone in Relation to the Northern Hemisphere
Polar Vortex

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The evolution of ozone observed by UARS MLS in the Northern Hemisphere
polar vortex is shown as a function of time throughout the stratosphere, for the
1991-1992 and 1992-1993 winters. The impact of stratospheric sudden **warmings**
on the observed ozone distribution is shown. Observational evidence suggesting
the relative importance of transport and chemical mechanisms in producing the
observed ozone distribution in regions throughout the stratosphere is discussed.

1. 1993 Spring Meeting

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